

## Testing the Registry Interchange Module (RIM) interface

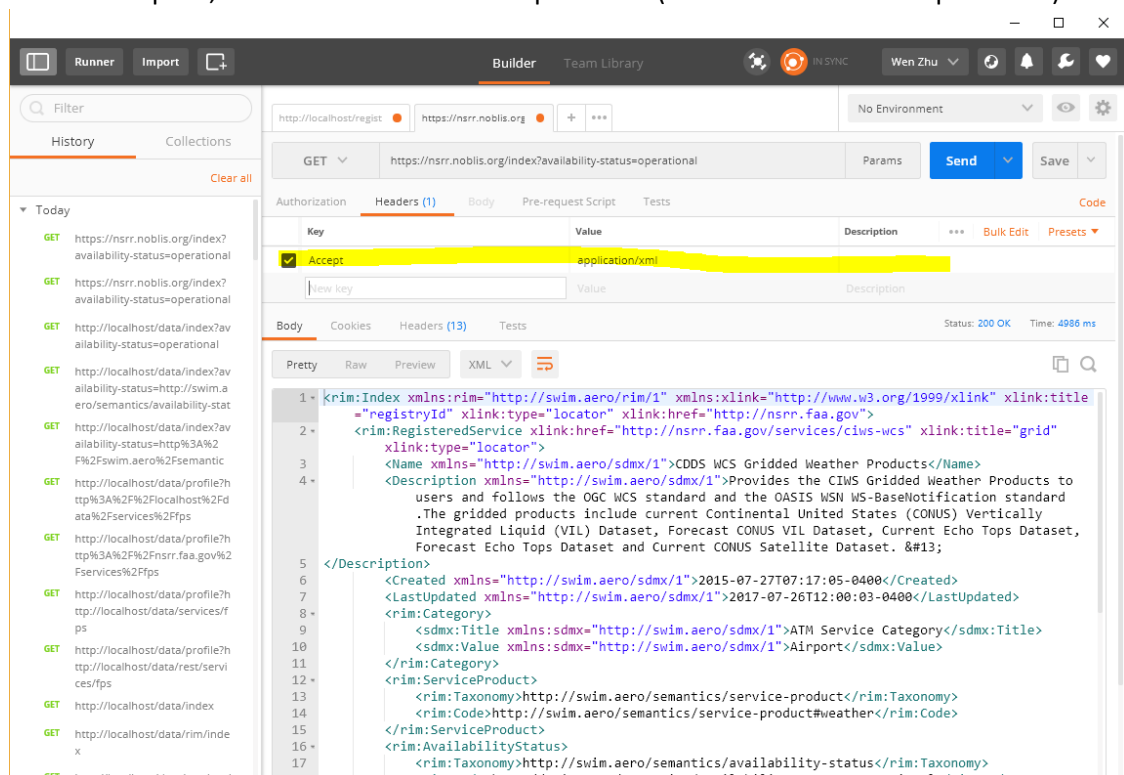
### 1. Select a REST test tool

Here are a few choices:

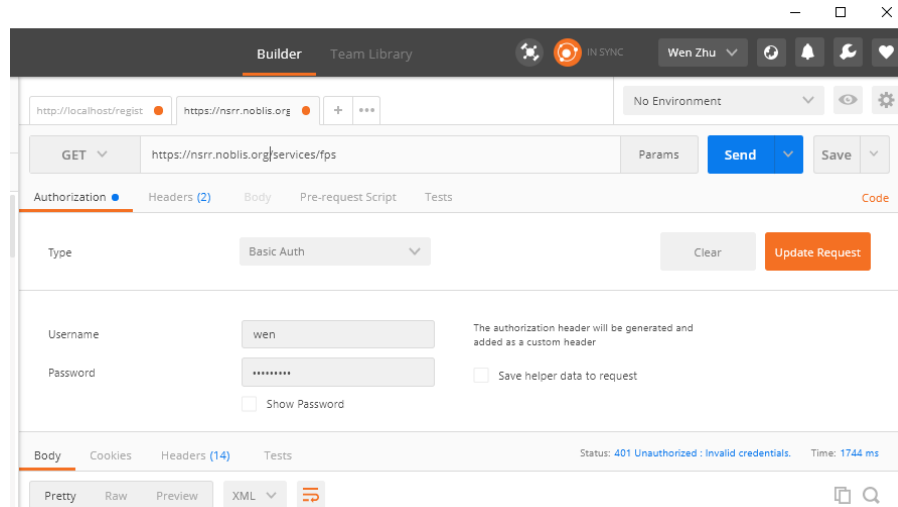
- Advanced REST Client (Chrome Extension)  
[https://chrome.google.com/webstore/detail/advanced-rest-client/hgmloofddfnphfgcellkdfbfbjeloo?utm\\_source=gmail](https://chrome.google.com/webstore/detail/advanced-rest-client/hgmloofddfnphfgcellkdfbfbjeloo?utm_source=gmail)
- Postman (Chrome Extension)  
[https://chrome.google.com/webstore/detail/postman/fhbjgbiflinjbdggehcddcbncdddo mop?utm\\_source=gmail](https://chrome.google.com/webstore/detail/postman/fhbjgbiflinjbdggehcddcbncdddo mop?utm_source=gmail)
- REST client (Firefox Add On)  
<https://addons.mozilla.org/en-US/firefox/addon/restclient/>
- Apigee Console (Web-based): This is a very good tool, but it does not automatically follow redirections (See explanation in 3a. below)  
<https://apigee.com/console/>

### 2. Set up REST request headers.

- For each request, there needs to be an Accept header (see the Postman example below)



- Just as the NSRR web site itself does, some requests require login. In these cases, you need to select
  - BASIC Authentication
  - Enter your NSRR user name and password to access the info.
  - This will result in the creation of an "Authorization" HTTP header for your request.



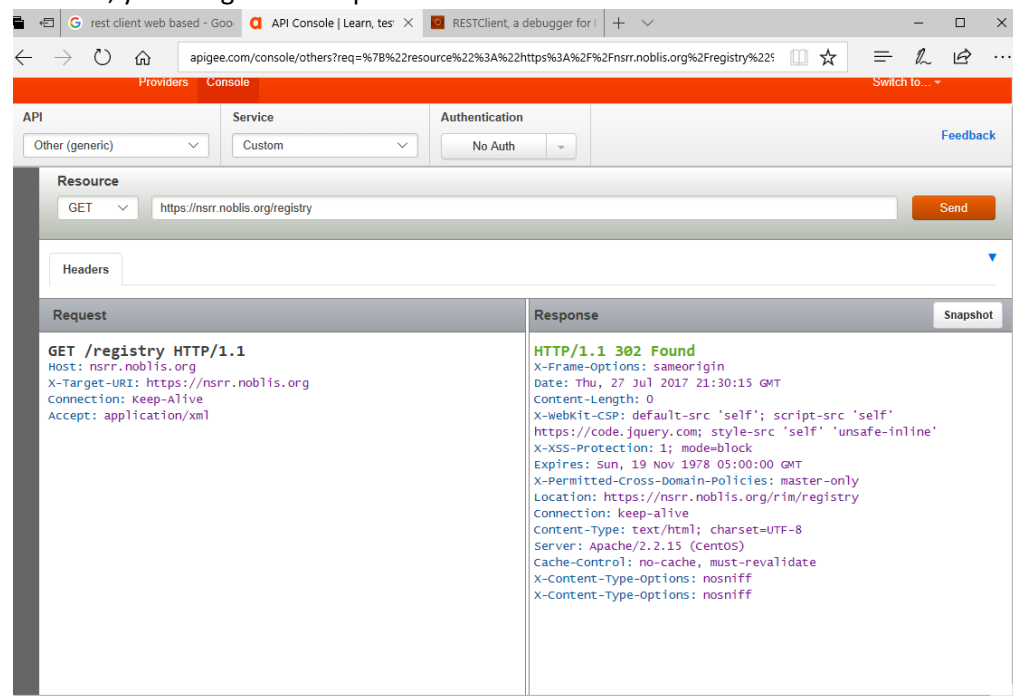
### 3. Test the non-protected resources (the following resources should not require login)

#### a. GetRegistry (any of the following URL will work)

<https://nsrr.faa.gov/rim/registry>

<https://nsrr.faa.gov/registry> (See below)

If you use a client that does not automatically follow HTTP redirection, such as Apigee Console, you will get 302 responses like this –



You will then follow the address in the “Location” response header.

#### b. GetIndex (No login required)

- <https://nsrr.faa.gov/rim/index>
- <https://nsrr.faa.gov/index> (See above for redirection)

c. GetServiceDescription (Login required)

<http://nsrr.faa.gov/services/fps> (See above for redirection)

<http://nsrr.faa.gov/rim/services/fps>

<https://nsrr.faa.gov/service-description?http://nsrr.faa.gov/services/fps>

(See above for redirection)

<https://nsrr.faa.gov/rim/service-description?http://nsrr.faa.gov/services/fps>

(See above for redirection)

d. GetServiceProfile (Login required)

<http://nsrr.faa.gov/services/fps/profile> (See above for redirection)

<http://nsrr.faa.gov/rim/services/fps/profile>

<https://nsrr.faa.gov/profile?http://nsrr.faa.gov/services/fps> (See above for redirection)

<https://nsrr.faa.gov/rim/profile?http://nsrr.faa.gov/services/fps> (See above for redirection)